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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/671,115	09/28/2000	Dae Won Jang	P-129	8609

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EXAMINER

SHARMA, SUJATHA R

ART UNIT	PAPER NUMBER
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2681

DATE MAILED: 05/16/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

S-T

**Office Action Summary**

Application No.

09/671,115

Applicant(s)

JANG ET AL.

Examiner

Sujatha Sharma

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 September 2000.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3, 4
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Raith [WO 98/48577].

Regarding claims 1, 5 and 9, Raith disclose a system and method for identifying emergency calls in radio communications system. Raith further discloses a method of receiving position information from a base station via a forward channel in a roaming mobile terminal (See Page 6, lines 13-15). Raith further discloses a method of varying a searching position on an emergency call mapping table previously stored in memory according to the received position recognition information. Raith further discloses a

Art Unit: 2681

method of transmitting a call by a phone number set on the varied search position when an emergency call needs to be transmitted (See page 7, line 19- page 8, line 27).

Regarding claims 2 and 12, Raith further discloses a method wherein the position information refers to a mobile country code (See page 8, lines 4-6).

Regarding claim 3, Raith discloses a method wherein the emergency call mapping table includes position recognition information allocated by countries and emergency call numbers corresponding to position recognition information (See summary and page 7, line 19- page 8, line 27).

Regarding claims 4 and 13, Raith further discloses a method of varying the search position from a previously stored search position on the emergency call mapping table which is shifted to region in which the same position information as the currently received position recognition information is stored (See summary and page 7, line 19- page 8, line 27).

Regarding claim 6, Raith further discloses a method wherein the emergency call mapping table includes position recognition information allocated by countries and emergency numbers corresponding to the position recognition information (See summary and page 7, line 19- page 8, line 27).

Regarding claims 7 and 15, Raith further discloses a method wherein the position recognition information stored in memory is periodically transmitted through system parameters message form the base station (See summary and See Page 6, lines 13-15).

Regarding claim 8, Raith discloses a method where emergency call transmission is performed by inputting of a key for an emergency call transmission (See summary).

Regarding claims 10, 11, 14 and 16, Raith further discloses a method of allocating position recognition number and an emergency call number to a mapping table/data base and updating and storing the position information that is periodically received from the base station (See page 6, lines 13-15, column 7, line 19 – column 8, line 27). Raith further discloses a method of comparing the position information in the memory and the mapping table and storing the emergency call number in a second data base (See page 8, lines 4-27 and page 7, lines 19-27). Raith further discloses a method of linking a read address of the emergency call number to a one touch dial and making an emergency call by using the one touch dial when an emergency call is inputted (See summary and page 7 line 19 – page 8, line 27).

3. Claims 1-9 and 12, are rejected under 35 U.S.C. 102(e) as being anticipated by Sanpei [US 5,732,349].

Regarding claims 1, 5 and 9, Sanpei disclose a system and method for controlling a portable telephone according to discriminated area code. Sanpei further discloses a method of receiving position information from a base station via a forward channel in a roaming mobile terminal (See column 1, lines 57-65). Sanpei further discloses a method of varying a searching position on an emergency call mapping table previously stored in memory according to the received position recognition information (See column 2, line 55- column 3, line 2). Sanpei further discloses a method of transmitting a call by a phone

Art Unit: 2681

number set on the varied search position when an emergency call needs to be transmitted (See column 7, lines 9-23). See summary of invention.

Regarding claims 2 and 12, Sanpei further discloses a method wherein the position information refers to a mobile country code (See column 1, lines 57-65).

Regarding claim 3, Sanpei discloses a method wherein the emergency call mapping table includes position recognition information allocated by countries and emergency call numbers corresponding to position recognition information (See summary, column 2, lines 55-63, column 3, lines 7-10 and column 7, lines 11-23).

Regarding claim 4, Sanpei further discloses a method of varying the search position from a previously stored search position on the emergency call mapping table which is shifted to region in which the same position information as the currently received position recognition information is stored (see column 2, line 55-column 3, line 2 and column 7, lines 9-19).

Regarding claim 6, Sanpei further discloses a method wherein the emergency call mapping table includes position recognition information allocated by countries and emergency numbers corresponding to the position recognition information ((See summary, column 2, lines 55-63, column 3, lines 7-10 and column 7, lines 11-23).

Art Unit: 2681

Regarding claim 7, Sanpei further discloses a method wherein the position recognition information stored in memory is periodically transmitted through system parameters message form the base station (See summary and column 1, lines 57-65).

Regarding claim 8, Sanpei discloses a method where emergency call transmission is performed by inputting of a key for an emergency call transmission (See column 7, lines 9-23).

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lee [6,181,930] discloses a method for automatic setting of area code CDMA mobile telephone system.

Raith [US 6,073,005] discloses systems and methods for identifying emergency calls in radio telecommunications systems.

Agre [US 5,946,618] discloses a method and apparatus for performing position based call processing in a mobile telephone system using multiple location mapping schemes.

Pande [US 6,519,466] discloses a multi-mode global positioning system for use with wireless networks.

Townsend [US 6,501,420] discloses a mobile cellular telephone comprising GPS receiver.


Raith [US 6,115,596] discloses systems and methods for handling emergency calls in hierarchical cell structures.


Art Unit: 2681

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 703-305-5298. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on 703-305-4778. The fax phone numbers for the organization where this application or proceeding is assigned and for all official communications is 703-872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3800.

  
Sujatha Sharma  
May 13, 2003

  
ERIKA GARAY  
PATENT EXAMINER